Manfrotto®

MODEL # 136
Manfrotto
MADE IN ITALY
ART. 055
Manfrotto®
PROFESSIONAL TRIPOD
ART. 055
Manfrotto®
PROFESSIONAL TRIPOD
MADE IN ITALY

IMPORTANT HINTS

LINO MANFROTTO

1. Tripods are a means of ensuring the camera is held still at the point of talking a picture.

With standard taking lenses most people would have difficulty in holding still a camera at speeds longer than 1/25 sec. thus a tripod, monopod or other firm support becomes necessary in order to obtain pictures free from some degree of camera shake.

2. If you have been running, or are excited or horrified by events that you are photographing (your heart is beating), you may find that even at 1/50 sec. you are unable to avoid camera shake affecting sharpness.

3. More and more photographers nowadays use lenses of longer than standard focal length. Such lenses effectively magnify the image - they also increase thereby the possibility of camera shake. The rule of thumb for appreciating this phenomenon is as follows, bearing in mind that the lowest safe speed using a 35 mm camera with a standard 50 mm lens is 1/25 sec then:

— using a 250 mm lens, an exposure time of 1/250 sec. is only equivalent to 1/25 with a standard 50 mm lens!

— using a 1000 mm lens, an exposure time of 1/1000 is still only equivalent to your 1/25 sec with a standard lens!

Thus if you want to record fast action with long lenses, even the fastest shutter speed is barely sufficient to stop action proceeding across the frame. It quickly becomes clear that very sturdy tripods must be employed if camera shake is to be avoided, particularly with longer lenses. You may often have wondered why certain pictures simply were not critically sharp despite correct focus - the chances are it's due to varying degrees of camera shake.

4. A tripod is an aid to better picture making - you tend to take more care with focus, framing composition and the tripod also ensures that optimum lens resolution is exploited.

5. For close up photography and copying, a tripod is almost mandatory to ensure vital details towards the edge of the picture are correctly framed.

6. In sports photography the desired shot is sometimes preframed on the tripod and the shutter only fired when the action runs through the frame. Alternatively, car and motor cycle racing is often deliberately panned with the tripod as a steady support rather than free hand/body panning which is more difficult to carry out smoothly.

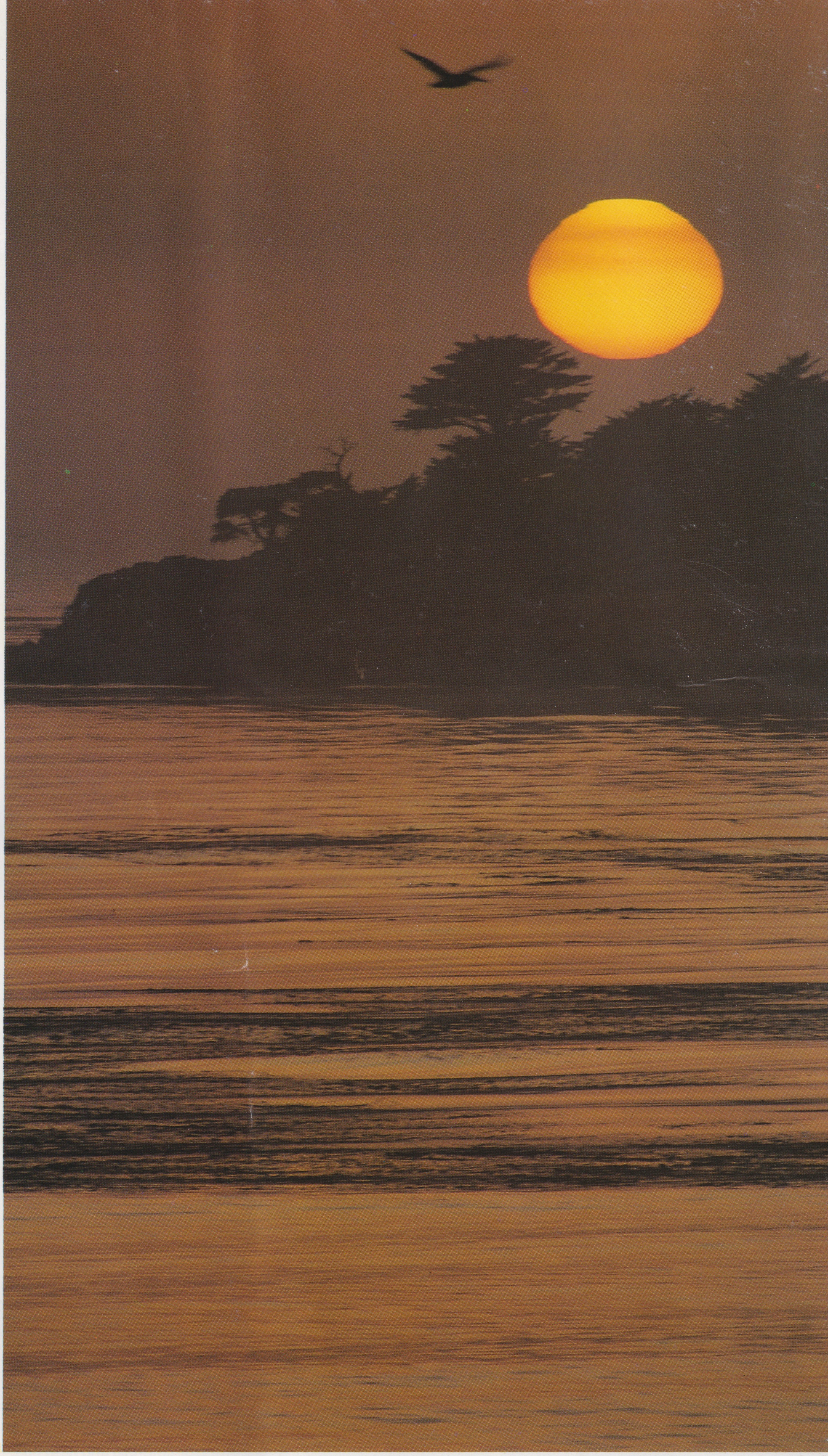
7. Many of the above principles also apply to video and cine photography. You may have wondered why certain of your video shots are not as crisp and sharp as others, particularly when panning or using the zoom at full extent. Panning motion can be better and smoother controlled using tripod and fluid dampened head. Long lens shots will be sharper when shot from a sturdy tripod support.

8. Video and Cine photography greatly benefits from a tripod dolly for tracking shots rather than hand held shots which will never be as steady. It's simple really. If you want more professional results, you have to look at professional ways of doing things.

9. For cine and video work chose a good heavy tripod to avoid stability problems when panning with fluid heads. The fluid dampening smoothes out sudden jerks but if you act too suddenly you may actually tip the tripod and camera.

10. When you buy a tripod don't be tempted to buy an ultra light weight tripod - make sure its got strong tubular, rather than U shaped leg sections - test it for sturdiness - otherwise you'll soon be disappointed.

CESARE GEROLIMETTO



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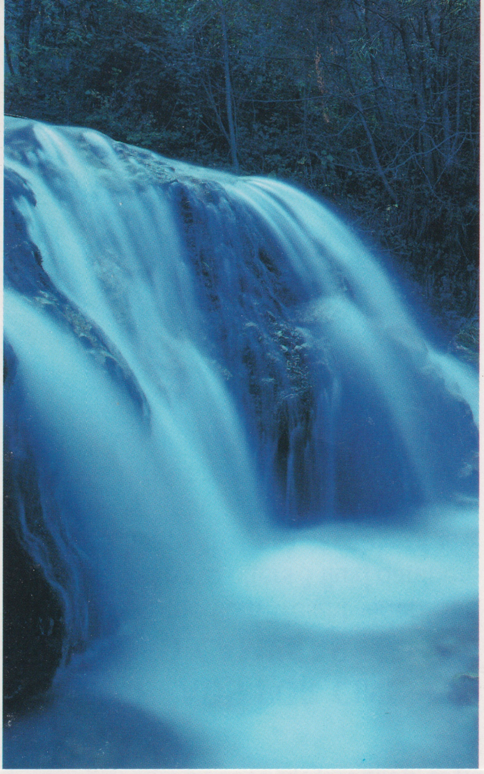
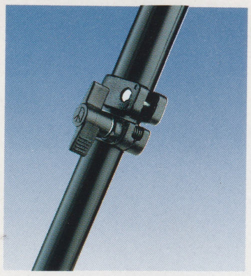


ART. 144
BASIC TRIPOD

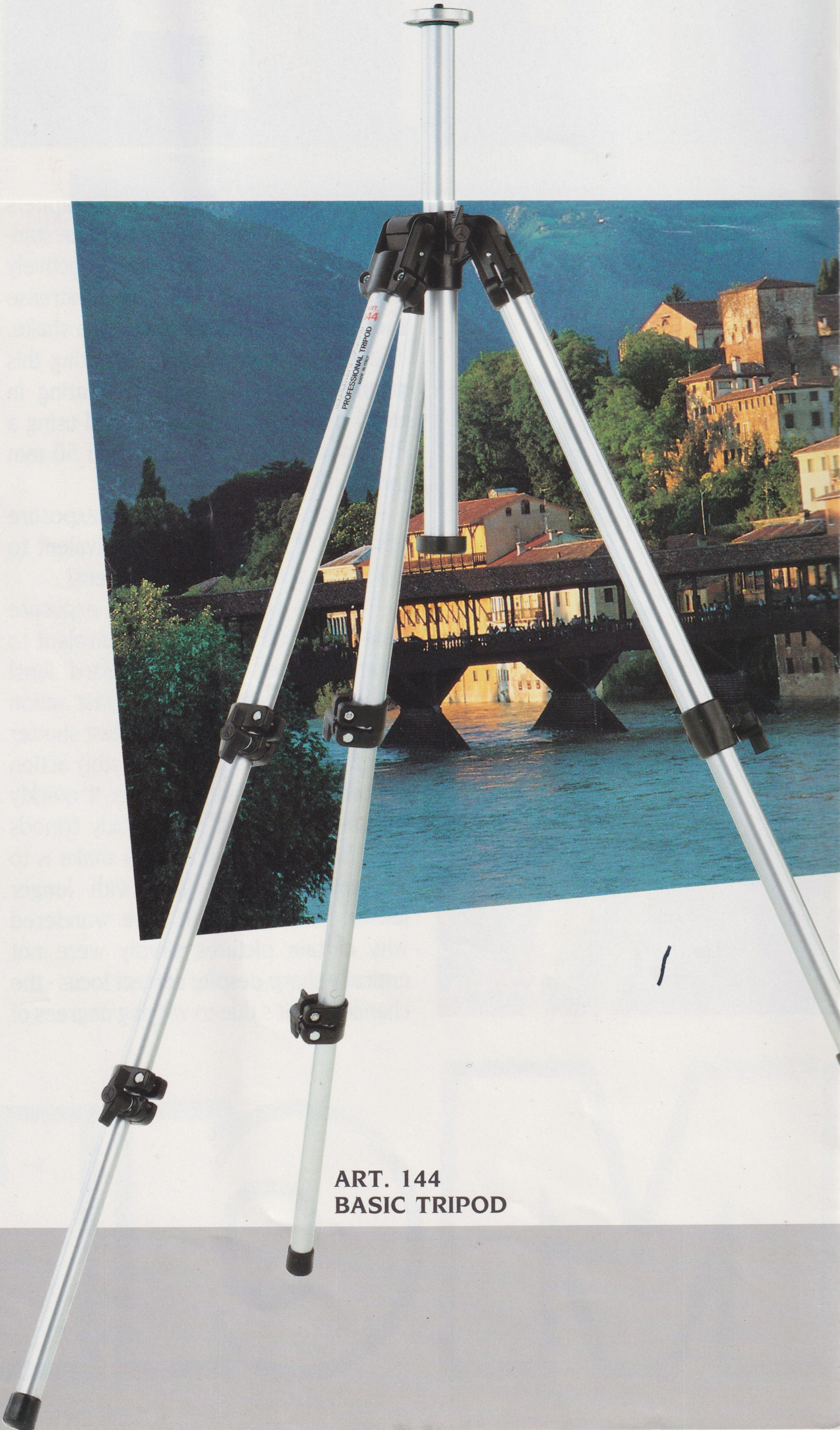
This is a good middle of the road tripod capable of taking cameras up to 6×7 cm format or 6 kg in weight. The three leg sections are of substancial diameter to provide the required sturdiness. A 36 cm long lift column is fitted with a 6 cm diameter platform and 3/8'' male thread for tripod head attachment. Three grub screws in the platform allow the tripod head to be firmly secured - very important for video/cine heads to prevent sudden losening when panning. The column can be reversed so that the tripod head attachment points downwards. The column can be reversed so that very low level shots are possible, particularly when using the tripod heads Art. 115 or Art. 056. Important for any good tripod is the head casting and the leg joints - those of the Basic are engineered to the same standard as that of tripods costing 3 or 4 times this amount.



g			
2,40	64	57	1176

In just 15 years Manfrotto has become the world's largest supplier of camera tripods, lighting stands and accessories. The original programme was totally professionally orientated but soon it became clear that both amateur and semi professional were also looking for well made equipment at competitive prices. Thus the programme was widened, yet all equipment is derived from the techniques developed and standards set for the production of sophisticated pro tripods, lighting stands and accessories.

You will notice when studying this brochure these are no ''light weights'' here - either in actual weight or concept. L[illegible]o Manfrotto was a professional photographer himself who started his business because he was dissatisfied with much that was on the market - it was either poorly made and ill-conceived or vastly overpriced. When considering Manfrotto equipment you can be sure, to this day, that you are buying quality and innovation without ''paying over the odds'' for it.



ART. 144
BASIC TRIPOD

Manfrotto Nord factory in Feltre (BL)

Manfrotto®

ART. 166

TRIPOD HOLDALL

This simple device can be secured to the legs and of any make of tripod in order to hold such things as extra film, lightmeter, and additional lenses etc. so that they are ready at hand when wanted. The Holdall folds flat when not in use and weights only 150 gr.

ART. 055

TRIMINOR TRIPOD

Of the tripods shown in the brochure, the Triminor is the most versatile and sophisticated. It is also much favoured by professional users. The tripod features special quick action leg locks (from fully locked to free, requires just one 1/4 turn) the three section tubular legs may be angled at 3 different settings by activating a catch at the top of each leg. When the legs are most widely angled the centre column would actually prevent you achieving this low setting and therefore the column can be split at the centre (see illustration). Another way of achieving a very low view point is by inverting the column and utilising the Art 115 or Art 056 tripod head with a reversed camera platform. The lift column provides 29 cm of height variation. It has the usual 6 cm diameter attachment platform with the 3 securing grub screws for the tripod and the standard 3/8'' male threaded screw.

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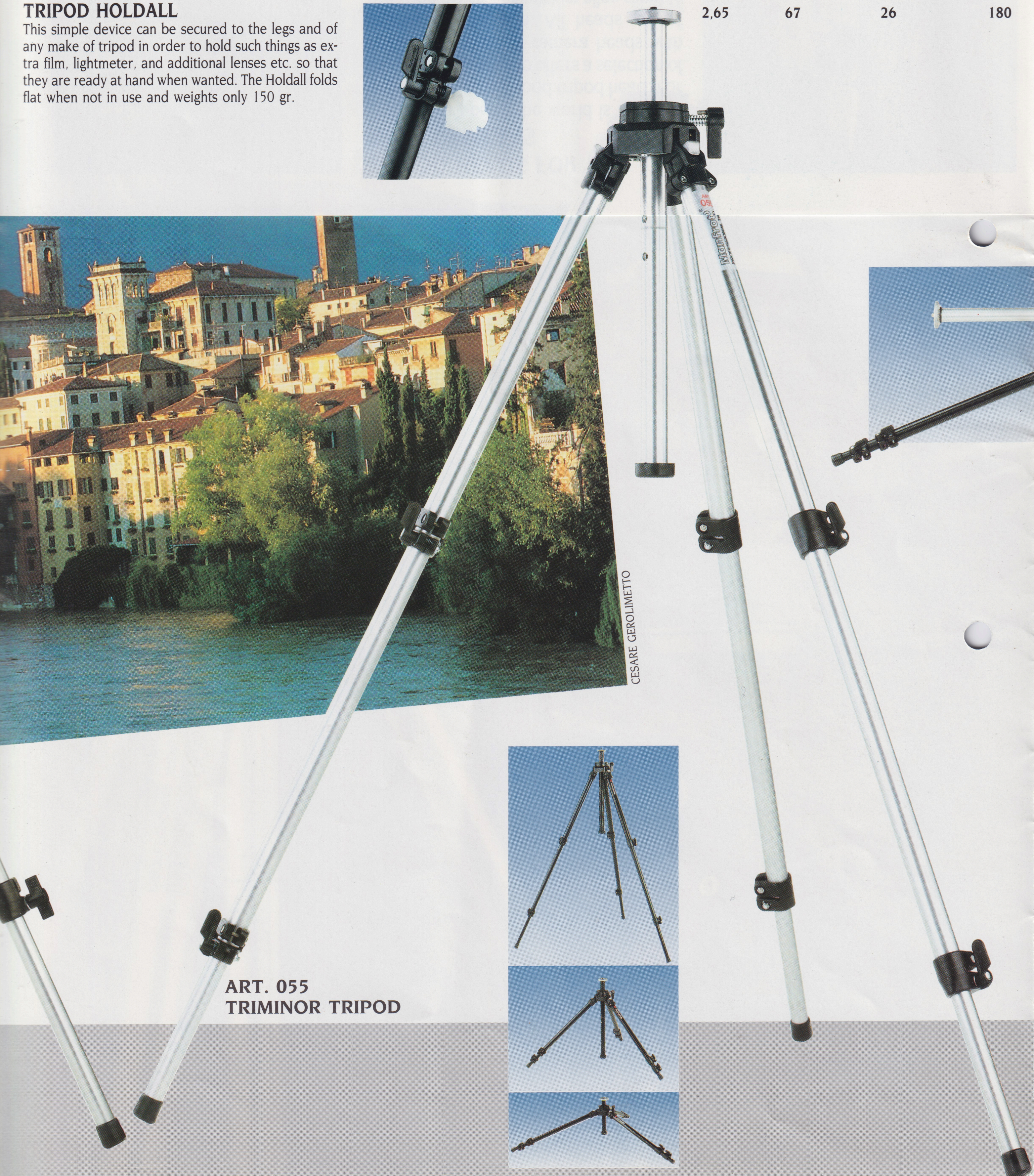
2,65	67	26	180

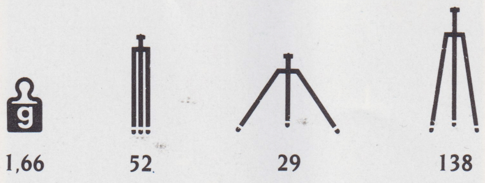


CESARE GEROLIMETTO

ART. 055
TRIMINOR TRIPOD

ART. 190
MINI-PRO TRIPOD

This is the lightest of the 3 tripods, capable of supporting cameras up to 5 kg. It's compactness makes it ideally suitable for the roving photographer. Despite its light weight, its sturdiness is derived from the strong duraluminium tubular legs and the substantial top castings and leg joints. A reversible centre lift column is provided with usual 6 cm diameter platform and 3/8'' male thread fitting for tripod head attachment. The legs can be set at 3 angles determined by a locking mechanism situated at the top of the leg joints. The three leg sections are adjusted using conventional locking knobs.



ART. 230
SNOW SHOES

They stop you from sinking in the powdery snow. That's just what these 14 cm diameter tripod leg shoes do. They are attached to each tripod leg by a rubber cord - so you buy a set of 3. They fit to any tripod make. Of course they do an equally good job on soft sand, boggy or just plain soggy ground. Why didn't somebody think of it before - well Manfrotto have now! Weight 0,85 Kg.

ART. 165
TRIPOD SPREADER

This is a device much used in the cine and video field to prevent tripod legs from sliding outwards on smooth slippery surfaces. The arms are adjustable in lenght so as to accomodate various tripod types. The diameter of the Spreader can be varied between 82 and 131 cm. It's weight is 0,65 kg.

Manfrotto
190

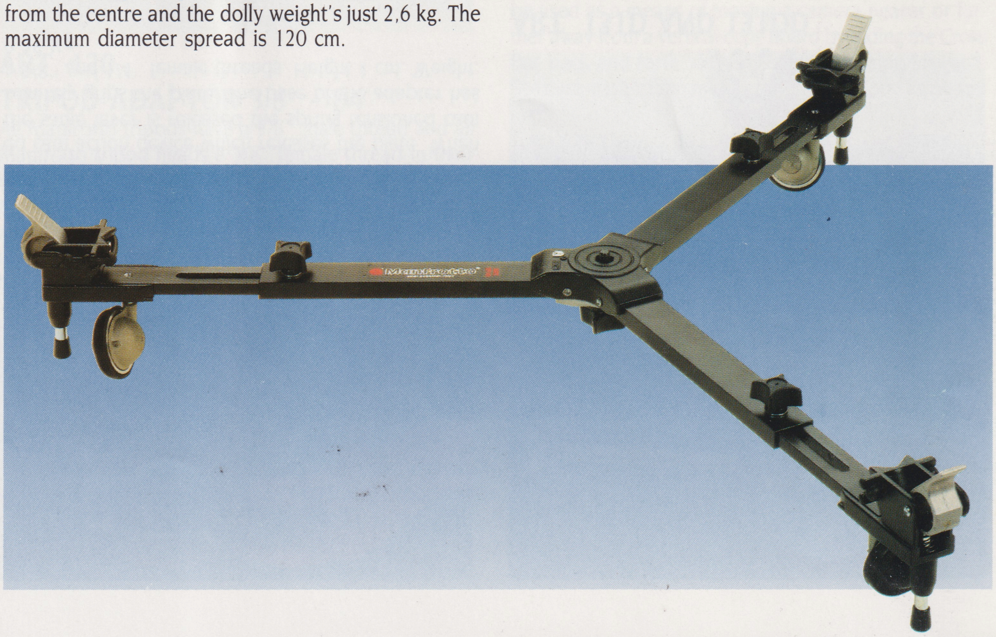
ART. 190
MINI-PRO TRIPOD

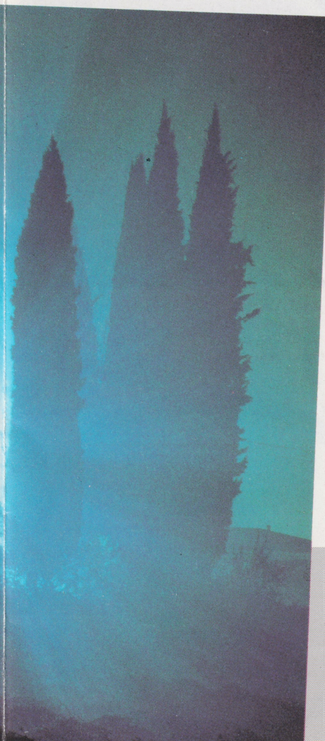
ART. 127 VS

BASIC DOLLY

Is a set of castors attached to three variable length arms joined in the centre. This is used for both still and cine/video photography to move about camera and tripod more conveniently without actually picking it up and setting it up again for a new shot or angle. In cine and video work the dolly can also be used for tracking shots. The arms are variable in lenght in order to acomodate the three tripods described in this brochure as well as other makes that may have different leg spread.

Foot controlled levers near each castor permit the dolly to be lifted off the castors and blocked to prevent rolling during shooting. A tripod head attachment thread is provided at the centre of the arm for very low level shots. For easy transport the 3 arms can be folded down from the centre and the dolly weight's just 2,6 kg. The maximum diameter spread is 120 cm.





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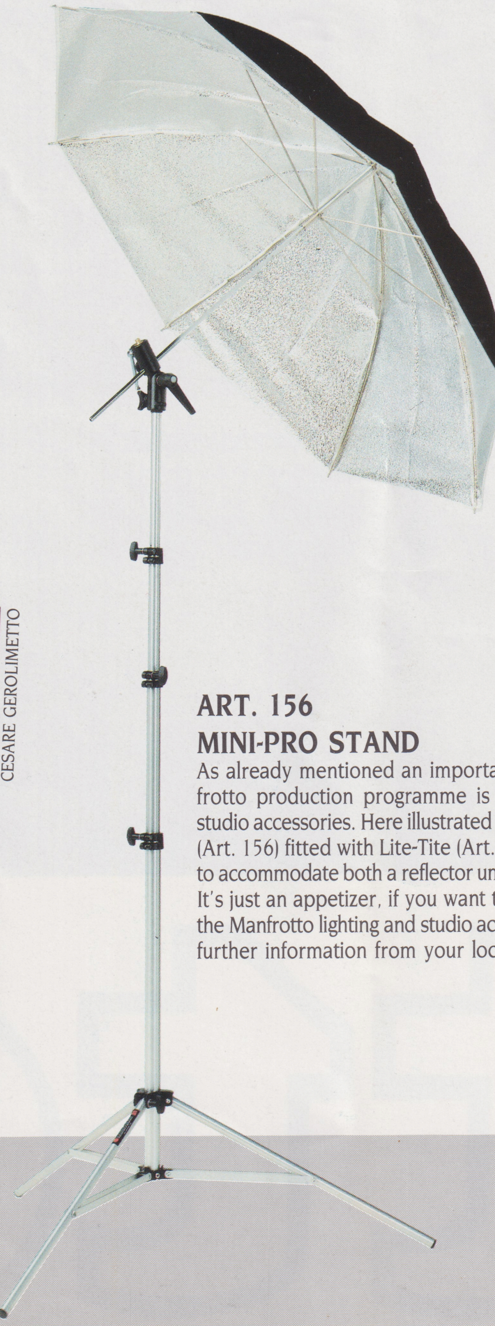


ART. 156

MINI-PRO STAND

As already mentioned an important part of the Manfrotto production programme is lighting stands and studio accessories. Here illustrated is the Mini-Pro Stand (Art. 156) fitted with Lite-Tite (Art. 026) swivel adapter to accommodate both a reflector umbrella and flash unit. It's just an appetizer, if you want to know more about the Manfrotto lighting and studio accessory side, request further information from your local dealer.

ART. 079

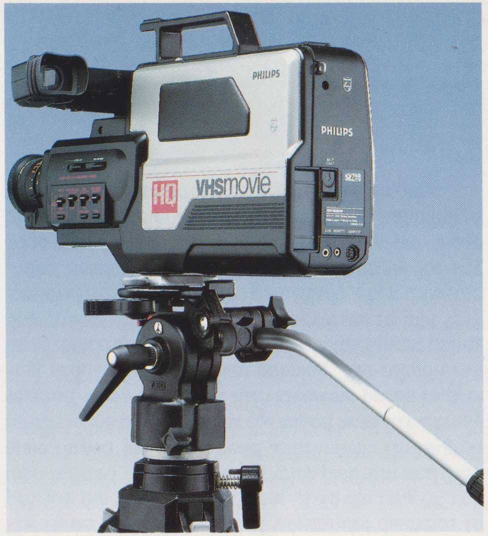
MONOPOD

Perhaps the Monopod is the least well understood camera support - it's very light to carry (0.52 kg) it's low in cost- and yet is an invaluable aid for keeping a camera staedy, even if you only use it to brace your own body. Better still if you can press it against a railing or any other sturdy object.

In that way you can casily hold a 1/5 or even 1/2 sec, with a bit of practice. In the latter case, or if you want to take an upright format shot, a light tripod head will be found useful. The 079 is a 3 section Monopod provided with both 1/4 and 3/8'' male camera attachment thread. At maximum extension (160 cm) the pod is just right to take the camera to eye level of a tall person. Folded length 63 cm.

TRIPOD HEADS FOR CINE AND VIDEO CAMERAS

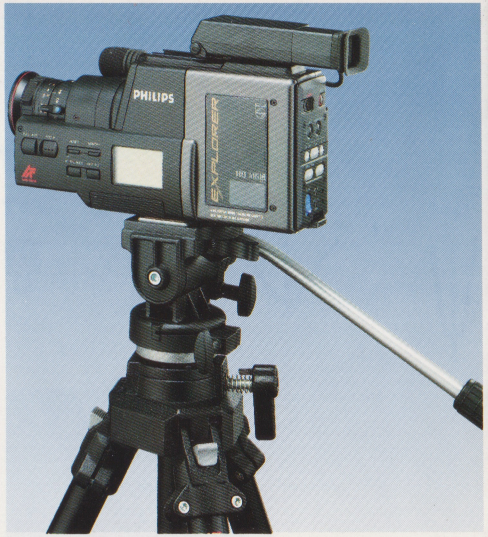
For light and medium weight video/cine cameras Manfrotto offers 3 fluid dampened tripod heads that are capable of giving movies that smooth professional touch. All three are scaled down versions of heads used in the film industry. Precision die cast alloy and latest ``state of the art'' composite materials are used in their manufacture. Two heads also feature quick fit camera plates. Pan and tilt handles are of course standard on all 3 heads.



ART. 136

JUNIOR VIDEO HEAD

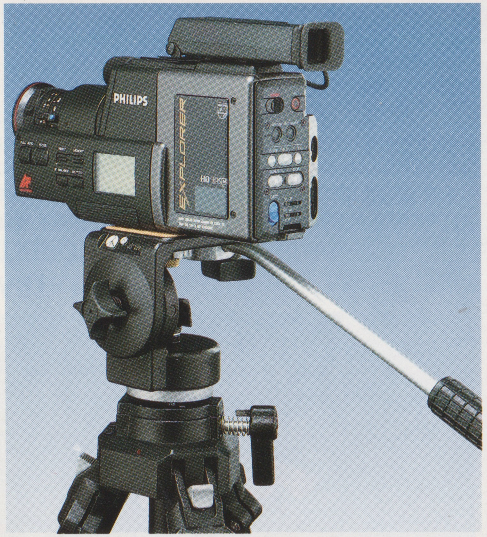
Top of the range head with fluid head drag on pan and tilt. Capable of taking cameras up to 5 kg in weight. Featuring cam action quick fit camera plate and facility for fitting a second pan and tilt handle.
The single pan handle can be fitted for left or right handed operation. The shaped handle can be demounted in the middle and reassembled in slightly different configuration. Via a sliding control the forward tilt can be limited to 45° perventing accidental tilting of a long lens and striking a tripod leg.
Weight of head: 1,5 kg - Height: 145 cm.



ART. 200

COMPOSITE HEAD

A beautifully precision engineered fluid head in a modern composite material of extreme toughness and dimensional stability, weighing only 0,65 kg, cam action quick fit camera plate and adjustable pan and tilt handle. Suitable for cameras up to 3 kg in weight. Maximum stability is achieved by its low height of 9,5 cm above tripod attachment.



ART. 128

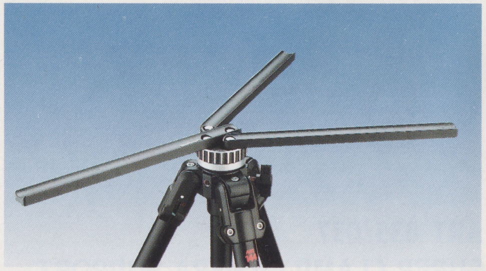
MINI VIDEO HEAD

A traditional pattern fluid action head for pan and tilt motion. Precision die cast alloy with adjustable pan and tild handle which can be fitted for left or right handed operation capable of carrying cameras up to 4 Kg. Weight of head 0,95. Height 11 cm.

ART. 168

HEAVY DUTY BALL AND SOCKET HEAD

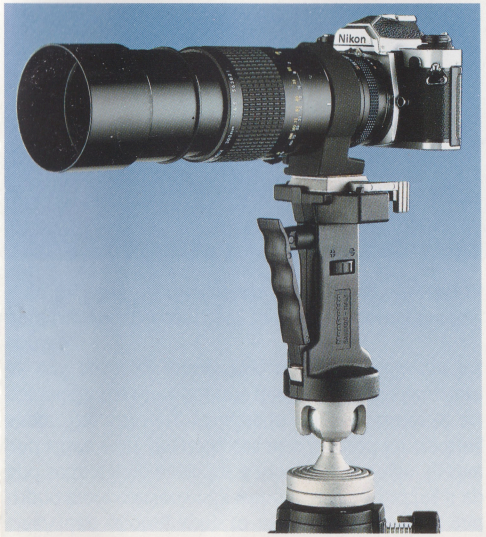
This is a sturdy ball and socket head which features large ball "man enough" to hold even a heavy 6×7 camera. It is also provided with special cam action Quick Release Plate. Height 14 cm and weight 0,85 Kg.



ART. 246

FOLDING PROJECTOR SUPPORT

Function as 183 to support and level a projector. Most projectors have 3 support points which fit into the grooved folding arms. For extra strength the arms are made of extruded rather than cast aluminium. The device is extremely practical, folding togegher neatly and weighs only 0.6 kg. The arms measure 27 cm from the centre.



ART. 222

THE "JOYSTICK"

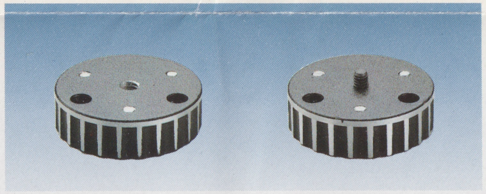
Somewhat reminiscent of the video games Joystick this is the "latest baby" from the Manfrotto design team and effectively provides a single handed ball and socket head which leaves the other hand free to constantly frame the image and focus. It's a must for the sports and action photographer and, dare we say it, this head has military photographic application. This is certainly not a toy, it is robustly die cast and ergonomically designed to give camera movement control at the most effective balance point. The device is also provided with variable ball friction control, a spirit level which can be fitted for left or right handed use and cam action Quick Release Camera Plate.

ART. 225

QUICK FIT ADAPTER

This converts any tripod head to a Quick Fit version using large hexagonal camera plate as used on the Art. 168 Ball and Socket Head. A lever operates a spring loaded cam action device which releases the plate. When the same lever is released the spring tensioned cam securely grips the plate. The base of the adapter has a 3/8" and 1/4" female threads. Height 4 cm. Weight: 0,25 Kg.

ART. 120 ART. 120 DF



ART. 120

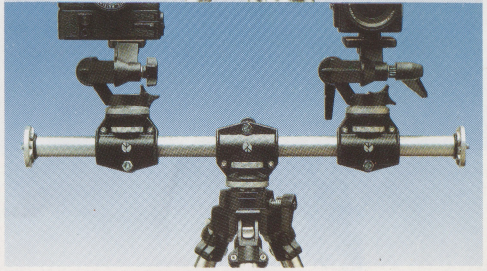
TRIPOD ADAPTOR 3/8" - 1/4"

All Manfrotto tripods have a 3/8" male thread and all Manfrotto tripod heads a 3/8" female thread in their base. This adapter makes it possible to turn a 3/8" male thread at the tripod top into a 1/4" male thread, thus accommodating a 1/4" female threaded base of some amateur tripod heads. This adapter has a 6 cm diameter to provide a sound base for attachment of other heads. Weight: 0,13 kg. Height: 20 mm.

ART. 120DF

TRIPOD COLUMN EXTENSION ADAPTER

This adapter has 3/8" female thread both sides and can thus be used to join together any Manfrotto tripod column with the Manfrotto Cross Arm Art. 131D, thus proving an extra 60 cm of column height.



ART. 131D AND 131DD

TRIPOD CROSS BAR

Two versions of this useful accessory are available. The ordinary Cross Bar (Art. 131D) fits to any sturdy tripod by way of its 3/8" female attachment thread. Don't fit it to some spindly wobble - pod for obvious reasons! The 60 cm Cross Bar can now be slid horizontally through it attachment casting. Both ends are provided with a male attachment screw, 1/4" one side and 3/8" the other for securing a tripod head and camera. A camera can now be conveniently suspended to look vertically down between the tripod legs. Alternatively it may be used as a means of moving a camera nearer or further away from a vertical copy board by sliding the Cross Bar back and forth with the camera looking forward. So much easier than moving the whole tripod back and forth.

The Cross Bar Art. 131DD is identical to the above but has two further attachments on either side of the tripod attachment. The additional clamps can each support a camera via a tripod head and the distance between the supports can be conveniently adjusted. At the two ends either further cameras or Quartz lights can be supported.

TRIPOD HEADS FOR STILL CAMERAS

The best tripod in the world is no good without an equally good tripod head. For this reason Manfrotto offers a selection of truly innovative still camera heads with highest specification. All heads are of precision die cast aluminium alloy capable of supporting cameras up to 6×7 format. Three of the heads feature separate controls for back and forth tilt, side to side tilt and 360° rotation, a fourth provides single lock multi directional movement via the traditional ball and socket. A fifth device named the ''Joystick'' offers a new concept for single handed camera movement control, leaving the other free to focus and frame the shot.

Finally, if you have an existing tripod head, be it Manfrotto or another make, and you want the convenience of rapid camera attachment, then you can choose the Manfrotto Quick Fit Camera Adapter to put you right into the professional league.

ART. 141

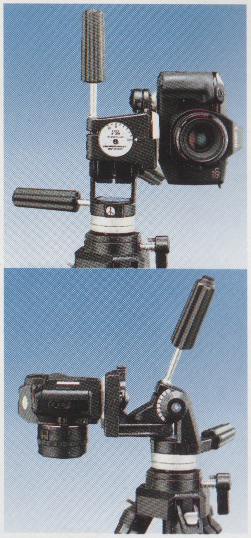
BASIC 3 WAY PAN+TILT HEAD

A much favoured and sturdy design to give clear cut movements of back to front tilt, and side to side tilt using separate lever type handles for precise control and locking, as well as a further handle to control the 360° rotation. Height 13 cm. and weight of 0,95 Kg.

ART. 115

3D SUPER JUNIOR HEAD

An unusually innovative and versatile design giving 360° rotation on all 3 axes. This feature, for instance, permits a camera to be supported literally at ground level when reversing the tripod column - See illustration - the platform has been rotated through 180°. The large 70×82 mm platform is particularly suitable for medium format cameras and the large tilt control handles are spring loaded so that they can be orientated at the best angle for convenient operation. Height 10 cm and weight 0,60 Kg.



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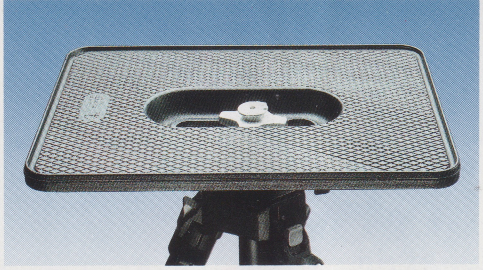
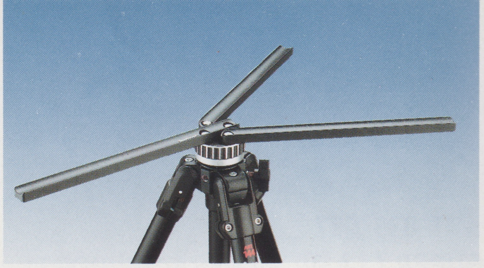


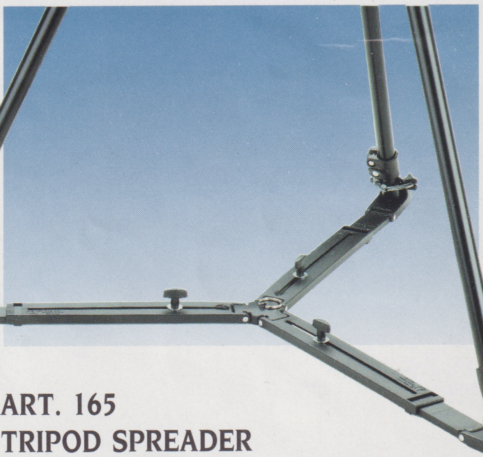
ART. 183
PROJECTOR PLATFORM

This is an aluminium die cast rimmed projector platform measuring 25×35 cm which can be attached to any tripod or tripod+head, when levelling of the platform is even easier. Provision is made for attachment to either 3/8'' or 1/4'' made screws. Weight: 1,1 kg.



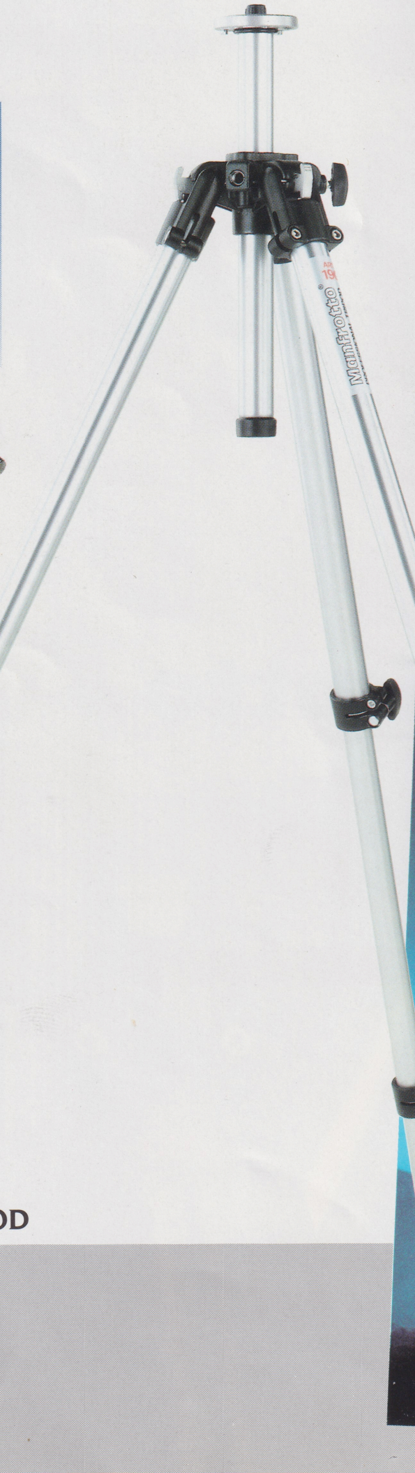
ART. 246
FOLDING PROJECTOR SUPPORT

Function as 183 to support and level a projector. Most projectors have 3 support points which fit into the grooved folding arms. For extra strength the arms are made of extruded rather than cast aluminium. The device is extremely practical, folding togegher neatly and weighs only 0.6 kg. The arms measure 27 cm from the centre.

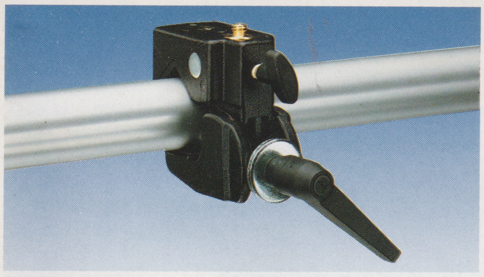


ART. 165
TRIPOD SPREADER

This is a device much used in the cine and video field to prevent tripod legs from sliding outwards on smooth slippery surfaces. The arms are adjustable in lenght so as to accomodate various tripod types. The diameter of the Spreader can be varied between 82 and 131 cm. It's weight is 0,65 kg.



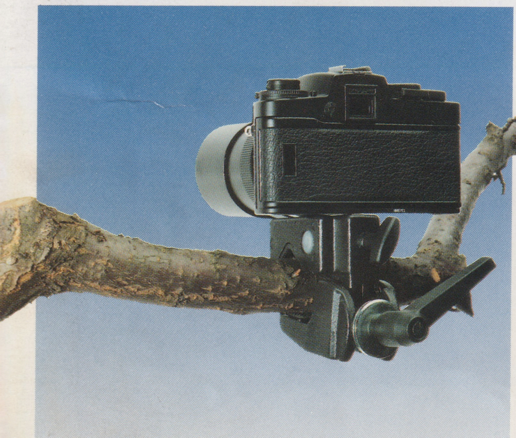
ART. 190
MINI-PRO TRIPOD

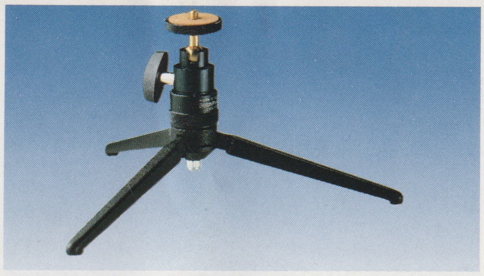


ART 035/037

SUPER CLAMP CAMERA SUPPORT

This is an ingenious clamping device for attachment to pipes, railings and timber. The Super Clamp is fitted with a double ended stud having a 3/8'' male thread on one side and 1/4'' male thread on the other. If convenient the camera can be attached directly to this, otherwise one of the tripod heads can used to provide full levelling facility. Probably the most convenient portable combination is the Super Clamp together with the Mini Ball Head (Art. 210).

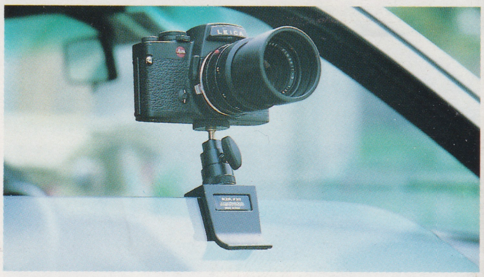




ART. 209 /210

MINIATURE TABLE TRIPOD

A beautifully made miniature table tripod with a total diameter leg spread of 25 cm. Made of precision die cast aluminium, ideally used together with Mini Ball Head (Art. 210). This item 209+210 is incredibly useful for both amateur and professional users because its small size and light weight - assembled just 21 cm in lenght and total weight of 180 gr - it can always be carried for that low level shot, the close up, the beer table shot where at last you (the photographer) can get into the picture yourself or where you just can't erect a tripod for fear of causing a distraction, but a discreetly supported Mini Table Pod will allow you to get that special picture.



ART. 243

CAR WINDOW CLAMP

For the car traveller/photographer who does not necessarily want to get out of the car and erect the tripod to take that sunset shot or the town at dusk, he can now lower the window and slip on the Car Window Clamp - secure his shot - and be on his way again. Keep it in the car so that it's always there when you want it. Even this simple item is well finished in die cast aluminium alloy and brass attachment screw. The Mini Ball Art. 210 will probably be needed for camera orientation and levelling.

ART. 102

TRIPOD SHOULDER STRAP

Particularly useful if you have to carry your tripod for a longer distance, is the comfortably wide shoulder strap. It has a screw fitting at one end which is screwed into threaded hole provided on all Manfrotto tripod head castings. The other end of the shoulder strap has a self tightening loop arrangement which is simply slipped around all 3 legs to make easy over-the-shoulder carrying possible.

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Please note this leaflet shows only part of the Manfrotto product range - your local dealer will be pleased to give you further information.

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